DECLARATION  
AND POWER OF ATTORNEY

As a below-named inventor, I hereby declare that:

My residence, post-office address and citizenship are as stated below at 201 et seq. underneath my name.

I believe I am the original, first and sole inventor if only one name is listed at 201 below, or an original, first and joint inventor if plural names are listed at 201 et seq. below, of the subject matter which is claimed and for which a patent is sought on the invention entitled

## POLYMERASE SIGNALING ASSAY

and for which a patent application:

is attached hereto and includes amendment(s) filed on \_\_\_\_\_ *(if applicable)*  
 was filed in the United States on June 16, 1998 as Application No. 09/097,791 *(for declaration not accompanying application)*  
with amendment(s) filed on \_\_\_\_\_ *(if applicable)*  
 was filed as PCT international Application No. \_\_\_\_\_ on \_\_\_\_\_ and was amended under PCT Article I9 on  
\_\_\_\_\_ *(if applicable)*

I hereby state that I have reviewed and understand the contents of the above identified application, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

EARLIEST FOREIGN APPLICATION(S), IF ANY, FILED PRIOR TO THE FILING DATE OF THE APPLICATION			
APPLICATION NUMBER	COUNTRY	DATE OF FILING (day, month, year)	PRIORITY CLAIMED
			YES <input type="checkbox"/> NO <input type="checkbox"/>
			YES <input type="checkbox"/> NO <input type="checkbox"/>

I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below.

APPLICATION NUMBER	FILING DATE

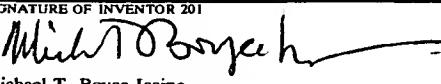
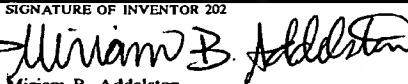
I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code §112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

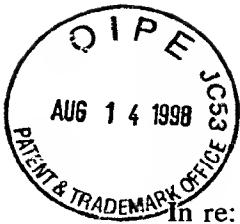
APPLICATION SERIAL NO.	FILING DATE	STATUS		
		PATENTED	PENDING	ABANDONED

POWER OF ATTORNEY: As a named inventor, I hereby appoint S. Leslie Misrock (Reg. No. 18872), Harry C. Jones, III (Reg. No. 20280), Berj A. Terzian (Reg. No. 20060), Gerald J. Flintoft (Reg. No. 20823), David Weild, III (Reg. No. 21094), Jonathan A. Marshall (Reg. No. 24614), Barry D. Rein (Reg. No. 22411), Stanton T. Lawrence, III (Reg. No. 25736), Isaac Jarkovsky (Reg. No. 22713), Joseph V. Colaianni (Reg. No. 20019), Charles E. McKenney (Reg. No. 22795), Philip T. Shannon (Reg. No. 24278), Francis E. Morris (Reg. No. 24615), Charles E. Miller (Reg. No. 24576), Gidon D. Stern (Reg. No. 27469), John J. Lauter, Jr. (Reg. No. 27814), Brian M. Poissant (Reg. No. 28462), Brian D. Coggio (Reg. No. 27624), Rory J. Radding (Reg. No. 28749), Stephen J. Harbulak (Reg. No. 29166), Donald J. Goodell (Reg. No. 19766), James N. Palik (Reg. No. 25510), Thomas E. Friebel (Reg. No. 29258), Laura A. Coruzzi (Reg. No. 30742), Jennifer Gordon (Reg. No. 30753), Jon R. Stark (Reg. No. 30111), Allan A. Fanucci (Reg. No. 30256), Geraldine F. Baldwin (Reg. No. 31232), Victor N. Balanci (Reg. No. 31231), Samuel B. Abranis (Reg. No. 30605), Steven I. Wallach (Reg. No. 35402), Marcia H. Sundeen (Reg. No. 30893), Paul J. Zegger (Reg. No. 33821), Edmond R. Bannon (Reg. No. 32110), Bruce J. Barker (Reg. No. 33291), Adriane M. Antler (Reg. No. 32605), Thomas G. Rowan (Reg. No. 34419), Ann L. Gisolfi (Reg. No. 31956), Mark A. Farley (Reg. No. 33170), and James G. Markey (Reg. No. 31636), all of Pennie & Edmonds LLP, whose addresses are 1155 Avenue of the Americas, New York, New York 10036, 1667 K Street N.W., Washington, DC 20006 and 3300 Hillview Avenue, Palo Alto, CA 94304, and each of them, my attorneys, to prosecute this application, and to transact all business in the Patent and Trademark Office connected therewith.

SEND CORRESPONDENCE TO: PENNIE & EDMONDS LLP 1155 AVENUE OF THE AMERICAS NEW YORK, N.Y. 10036-2711				DIRECT TELEPHONE CALLS TO: PENNIE & EDMONDS LLP DOCKETING (212) 790-2803	
2 0 1	FULL NAME OF INVENTOR	LAST NAME Boyce-Jacino	FIRST NAME Michael	MIDDLE NAME T.	
	RESIDENCE & CITIZENSHIP	CITY Finksburg	STATE OR FOREIGN COUNTRY MD	COUNTRY OF CITIZENSHIP U.S.A.	
	POST OFFICE ADDRESS	STREET 3811 Niner Road	CITY Finksburg	STATE OR COUNTRY MD	ZIP CODE 21048
2 0 2	FULL NAME OF INVENTOR	LAST NAME Addelston	FIRST NAME Miriam	MIDDLE NAME B.	
	RESIDENCE & CITIZENSHIP	CITY Baltimore	STATE OR FOREIGN COUNTRY MD	COUNTRY OF CITIZENSHIP U.S.A.	
	POST OFFICE ADDRESS	STREET 6301 N. Charles Street, #103	CITY Baltimore	STATE OR COUNTRY MD	ZIP CODE 21212
2 0 3	FULL NAME OF INVENTOR	LAST NAME Head	FIRST NAME Steven	MIDDLE NAME R.	
	RESIDENCE & CITIZENSHIP	CITY Manchester	STATE OR FOREIGN COUNTRY MD	COUNTRY OF CITIZENSHIP U.S.A.	
	POST OFFICE ADDRESS	STREET 1830 Stagecoach Drive	CITY Manchester	STATE OR COUNTRY MD	ZIP CODE 21102
2 0 4	FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME	
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP	
	POST OFFICE ADDRESS	STREET	CITY	STATE OR COUNTRY	ZIP CODE
2 0 5	FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME	
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP	
	POST OFFICE ADDRESS	STREET	CITY	STATE OR COUNTRY	ZIP CODE
2 0 6	FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME	
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP	
	POST OFFICE ADDRESS	STREET	CITY	STATE OR COUNTRY	ZIP CODE

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

SIGNATURE OF INVENTOR 201  Michael T. Boyce-Jacino	SIGNATURE OF INVENTOR 202  Miriam B. Addelston	SIGNATURE OF INVENTOR 203  Steven R. Head
DATE 8/13/98	DATE 7/30/98	DATE 7/31/98
SIGNATURE OF INVENTOR 204	SIGNATURE OF INVENTOR 205	SIGNATURE OF INVENTOR 206
DATE	DATE	DATE



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re:  Application of: Michael Boyce-Jacino, Miriam B. Addelston and Steven R. Head  
 Patent of:

Application No.: 09/097,791 Group Art Unit: To Be Assigned  
 Patent No.:

Filed: June 16, 1998 Examiner: To Be Assigned  
 Issued:

For: POLYMERASE SIGNALING ASSAY Attorney Docket No.: 9465-005

VERIFIED STATEMENT (DECLARATION) CLAIMING SMALL ENTITY STATUS  
[37 CFR 1.9(f) and 1.27(c)] - Small Business Concern

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

I hereby declare that I am

the owner of the small business concern identified below:  
 an official of the small business concern empowered to act in behalf of the concern identified below:

Name of concern MOLECULAR TOOL, INC.

Address of concern 5210 EASTERN AVENUE

BALTIMORE, MARYLAND 21224

I hereby declare that the above identified small business concern qualifies as a small business concern as defined in 37 CFR 1.9(d), for purposes of paying reduced fees under section 41(a) and (b) of Title 35, United States Code, in that the number of employees of the concern, including those of its affiliates, does not exceed 500 persons. For purposes of this statement, (1) the number of employees of the business concern is the average over the previous fiscal year of the concern of the person employed on a full-time, part-time or temporary basis during each of the pay periods of the fiscal year, and (2) concerns are affiliates of each other when either, directly or indirectly, one concern controls or has the power to control the other, or a third party or parties controls or has the power to control both.

I hereby declare that rights under contract or law have been conveyed to and remain with the small business concern and/or there is an obligation under contract or law by the inventor(s) to convey rights to the small business concern with regard to the invention, entitled POLYMERASE SIGNALING ASSAY by inventor(s) MICHAEL BOYCE-JACINO, MIRIAM B. ADDELSTON and STEVEN R. HEAD described in

the specification filed herewith  
 application no. 09/097,791, filed June 16, 1998  
 patent no. issued

If the rights held by the above identified small business concern are not exclusive, each individual, concern or organization having rights to the invention is listed below and no rights to the invention are held by any person, other than the inventor, who could not qualify as an independent inventor under 37 CFR 1.9(c) if that person made the invention, or by any concern which would not qualify as a small business concern under 37 CFR 1.9(d), or a nonprofit organization under 37 CFR 1.9(e).

FULL NAME \_\_\_\_\_  
ADDRESS \_\_\_\_\_

INDIVIDUAL       SMALL BUSINESS CONCERN       NONPROFIT  
ORGANIZATION

FULL NAME \_\_\_\_\_  
ADDRESS \_\_\_\_\_

INDIVIDUAL       SMALL BUSINESS CONCERN       NONPROFIT  
ORGANIZATION

FULL NAME \_\_\_\_\_  
ADDRESS \_\_\_\_\_

INDIVIDUAL       SMALL BUSINESS CONCERN       NONPROFIT  
ORGANIZATION

FULL NAME \_\_\_\_\_  
ADDRESS \_\_\_\_\_

INDIVIDUAL       SMALL BUSINESS CONCERN       NONPROFIT  
ORGANIZATION

I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. [37 CFR 1.28 (b)]

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, and patent issuing thereon, or any patent to which this verified statement is directed.

Send correspondence to: **PENNIE & EDMONDS LLP**  
1155 Avenue of the Americas  
New York, N.Y. 10036-2711      Direct Telephone calls to:  
**PENNIE & EDMONDS LLP**  
(212) 790-9090

Name of person signing Michael T. Boyce-Jacino

Title of person other than owner President

Address of person signing 5210 Eastern Avenue

Baltimore, Maryland 21224

Signature Michael T. Boyce-Jacino Date 7-24-98

\*NOTE: Separate verified statements are required from each named person, concern or organization having rights to the invention averring to their status as small entities.  
(37 CFR 1.27)